

**METHOD AND SYSTEM FOR DISTRIBUTING SERVICE  
FUNCTIONALITY**

5 **Abstract**

10 The present invention provides more flexible engineering of network computing resources based on the actual needs of the customer, the resource requirements of the service and other relevant factors. The present invention relates to efficient use of network resources. By having the option of placing a particular function within a service on a node where it naturally fits according to its functional couplings, the inter-node communication  
15 may be reduced. As a result, the overall processing costs of the service may be minimized and efficiencies are enhanced.